

UniNet[®] iColor[®]

PRINTING SOLUTIONS

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iColor[®] 300 Series Apparel Plus Printer User Manual

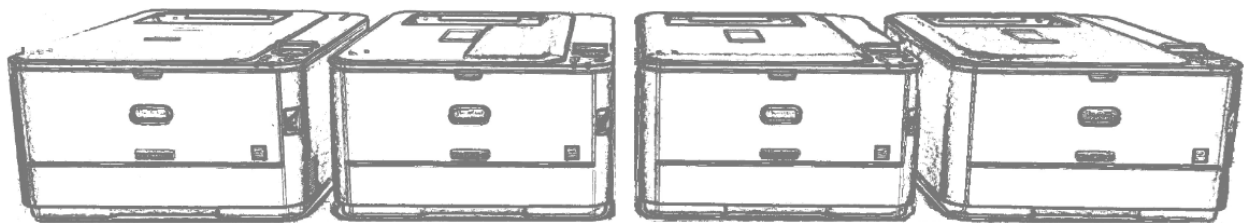




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iColor® 300CB Full Color Printer

The 300CB printer has been developed to produce high-quality conventional color prints and will work seamlessly alongside the iColor® 300 range of specialty toner systems.

Please follow the enclosed quick setup guide to get started. The standard user manual (provided on CD enclosed) will provide detailed instructions for full printer functionality. In order to add white elements to your color prints, an additional print pass through the iColor® 300WB White Printer or 300FW Fluorescent White Printer will be required; different effects can be achieved by changing the sequence of print between the two machines. For exciting design ideas and suggestions for using the 300CB for maximum effect, please visit our website at www.icolorprint.com.

iColor® premium transfer media has been optimized to provide quality results when used with the 300CB printer, enabling the user to produce eye-catching designs which may be applied to a variety of textiles and surfaces.

iColor® 300WB White Printer

The 300WB printer has been developed to produce bright white mono prints alongside high-quality black, allowing the user to print directly onto colored and dark media, as well as using iColor® premium transfer media to apply bright imagery to colored textiles and garments.

The printer uses two white toner cartridges to produce white imagery, assisted by a standard (K) black cartridge and a primer cartridge. Please follow the enclosed quick setup guide to get started. The standard user manual (provided on CD enclosed) will provide detailed instructions for full printer functionality; please refer to the additional instruction leaflet provided to ensure iColor® 300 replacement consumables are fitted correctly.

Please note that vector and line art images, including text, are likely to produce the best results. For exciting design ideas and suggestions for using the 300WB for maximum effect, please visit our website at www.icolorprint.com.

iColor® premium transfer media has been optimized to provide quality results when used with the 300WB printer, enabling the user to produce eye-catching designs which may be applied to a variety of textiles and surfaces.



iColor® 300FC Fluorescent Color Printer

The 300FC printer has been loaded with iColor® 300 specialty toners to combine fluorescent prints with standard black (K) functionality.

This system requires no additional software or expertise to print conventional CMYK images in vivid fluorescent color. Please follow the enclosed quick setup guide to get started. The standard user manual (provided on CD enclosed) will provide detailed instructions for full printer functionality.

As the color toners used in the 300FC are engineered for maximum brightness under both visible and UV light, color representation will differ from conventional color printing.

In order to add white elements to your color prints, an additional print pass through the iColor® 300WB White Printer or 300FW Fluorescent White Printer will be required; different effects can be achieved by changing the sequence of print between the two machines. For exciting design ideas and suggestions for using the 300FC for maximum effect, please visit our website at www.icolorprint.com

iColor® premium transfer media has been optimized to provide quality results when used with the 300FC printer, enabling the user to produce eye-catching designs which may be applied to a variety of textiles and surfaces.

iColor® 300FW Fluorescent White Printer

The 300FW printer has been developed to produce bright fluorescent white mono prints, allowing the user to print directly onto dark media, as well as using iColor® premium transfer media to apply bright imagery to dark textiles and garments.

The printer uses two fluorescent white toner cartridges to produce fluorescent white imagery, assisted by a standard (K) black cartridge and a primer cartridge. Please follow the enclosed quick setup guide to get started. The standard user manual (provided on CD enclosed) will provide detailed instructions for full printer functionality; please refer to the additional instruction leaflet provided to ensure iColor® 300 replacement consumables are fitted correctly.

Please note that vector and line art images, including text, are likely to produce the best results. For exciting design ideas and suggestions for using the 300FW for maximum effect, please visit our website at www.icolorprint.com.

iColor® premium transfer media has been optimized to provide quality results when used with the 300FW printer, enabling the user to produce eye-catching designs which may be applied to a variety of textiles and surfaces.



Installing iColor® 300 printer on a PC

These instructions are for Windows 7 via USB cable, others are similar. You must have Administrator privileges on the computer.

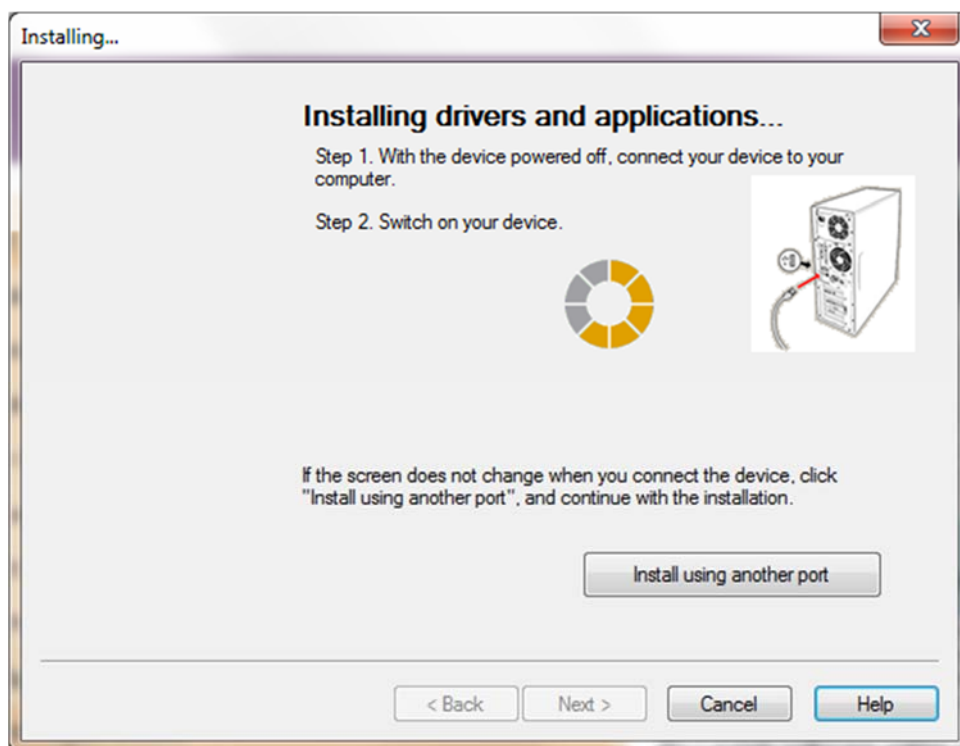
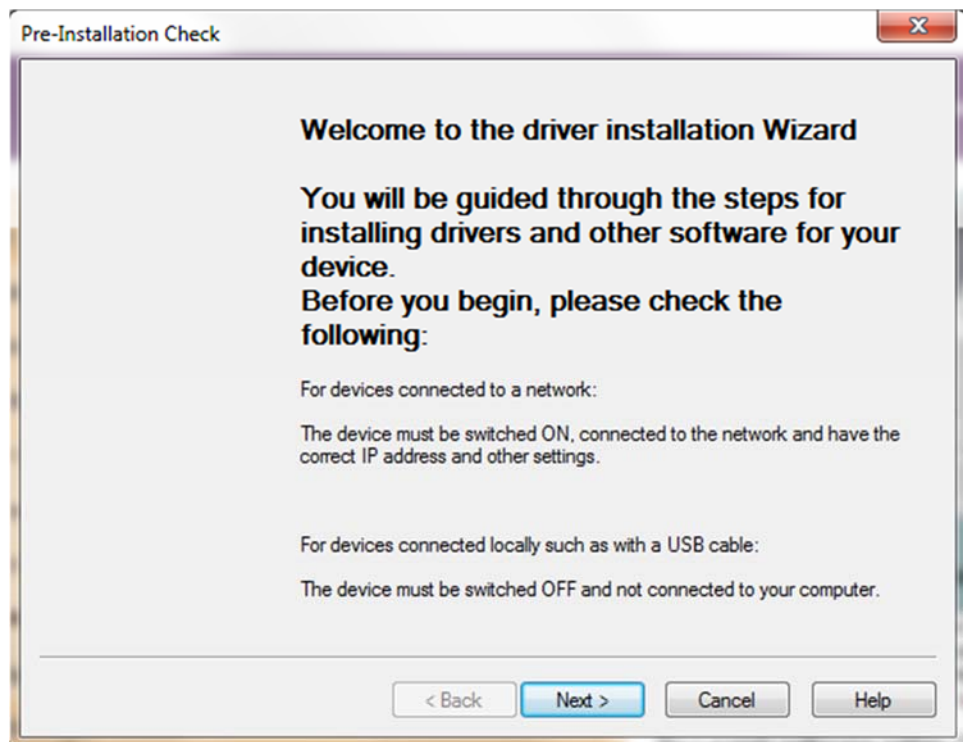
1. Unpack the printer according to the Set-up Guide. Do not turn it on or connect it to the computer until the install program asks you to do so.
2. Put the printer DVD into the drive and setup should automatically run.
3. Choose your language and select printer model (target device) **C331**.
4. After accepting the software agreement and going past the environmental advice pages you can select software to install. We recommend the PostScript or **PS driver**. Click the install button (at red arrow).

Also, near the bottom of this are the online manuals for later reference.



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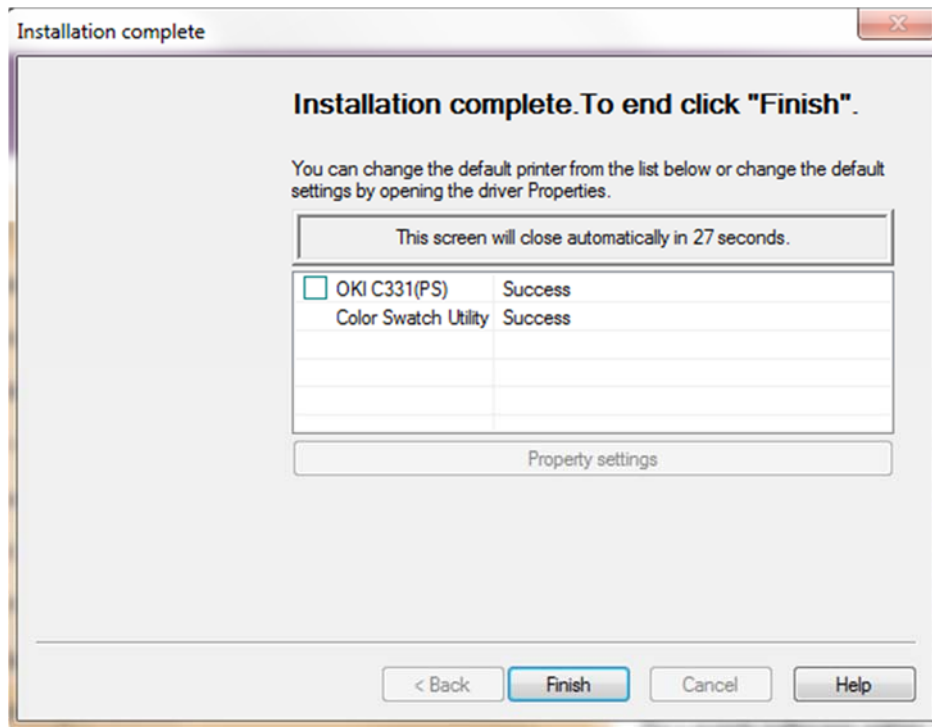
5. Then the installation will proceed, click **Next** after having the printer and cables as described.



3. Click **Easy Installation (Local)** then **Next**. Then you will see the box below



6. Usually the next screen will show the installation progress, followed by the Finish screen. If not, click the **Install using another port** button and accept the USB default shown.



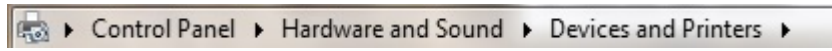
Setup of multiple printers on one computer

1. There are two things we recommend when installing multiple printers on one computer;
 - a. Rename the printers to easily choose the correct one for your work. It is best to do this as they are installed, how to do this is included below.
 - b. Mark the USB ports and cables with these names to avoid problems if you move the computer/printers. It is best if each printer is always connected to its own USB port on the computer.

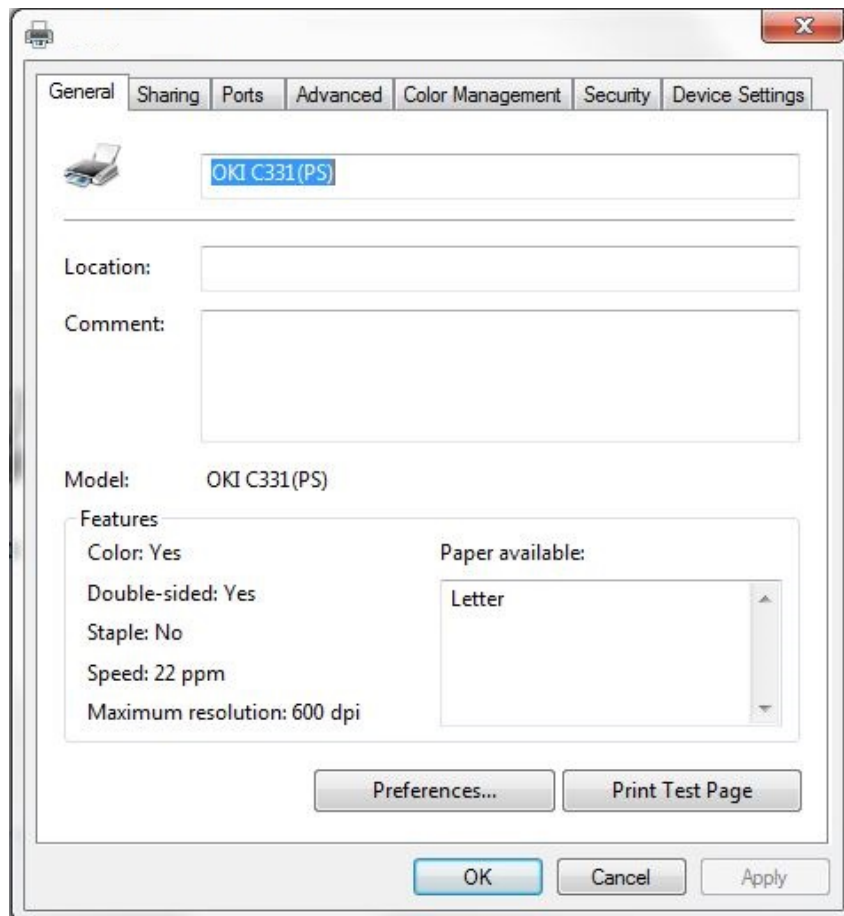


Rename the Printer

2. Navigate from the start menu to the list of installed printers. The Window 7 path is:



3. Right click on the printer **OKI C331(PS)** and select the printer properties.
4. On the **General tab** highlight the printer name and change it to 'iColor 300XX', then click **OK** (xx indicates the specific model of your printer; CB, WB, FC or FW)



5. Then continue with the install process above for the remaining printers, renaming them as you go along.



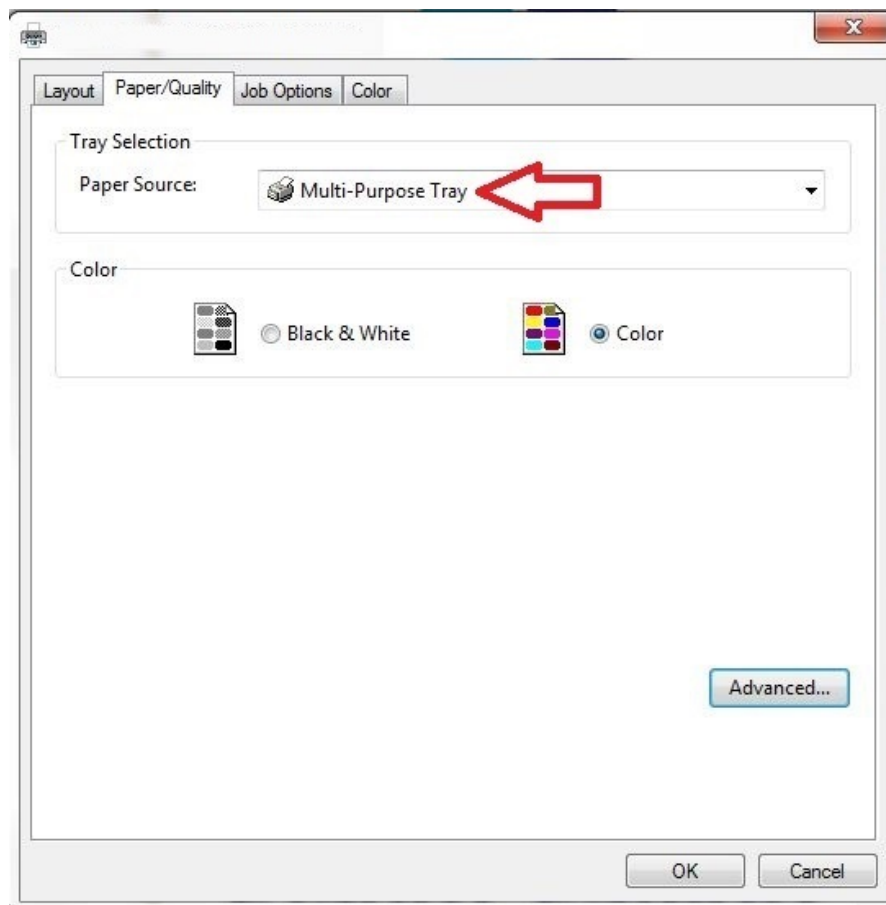
iColor® 300 printer settings for iColor®

Premium Transfer Media

These instructions are shown using the PostScript or **PS driver**. The choices are the same for the **PCL driver** but the dialog boxes are different.

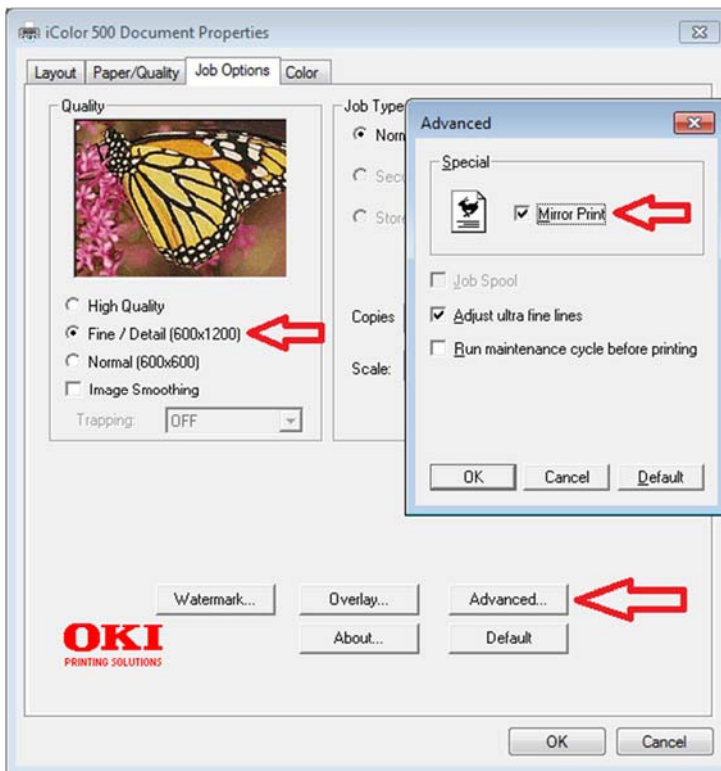
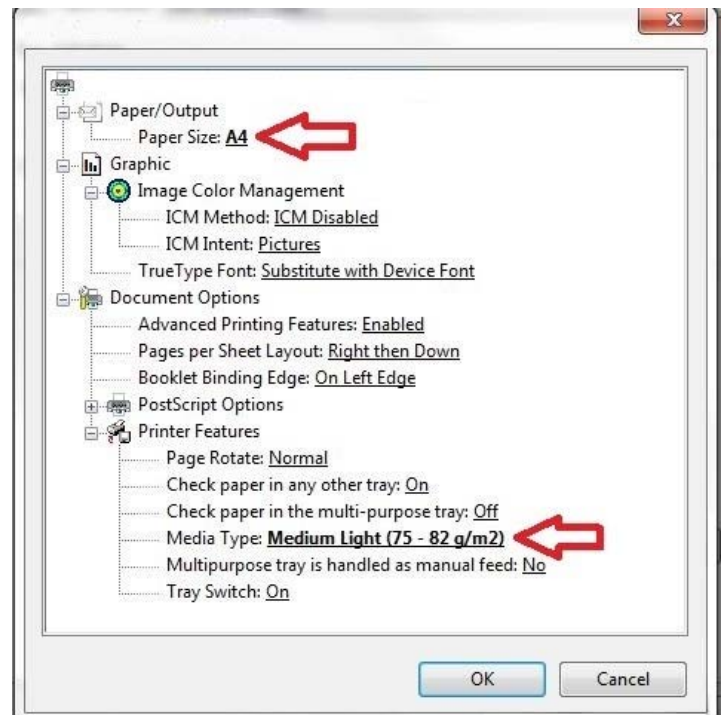
These can be set as **Printer Preferences** from Devices and Printers or as **Document Properties** when printing. Setting them as Printer Preferences means they will be the same the next time you use the printer.

1. Under the Paper/Quality tab, set the paper source to the **Multi-purpose Tray**.



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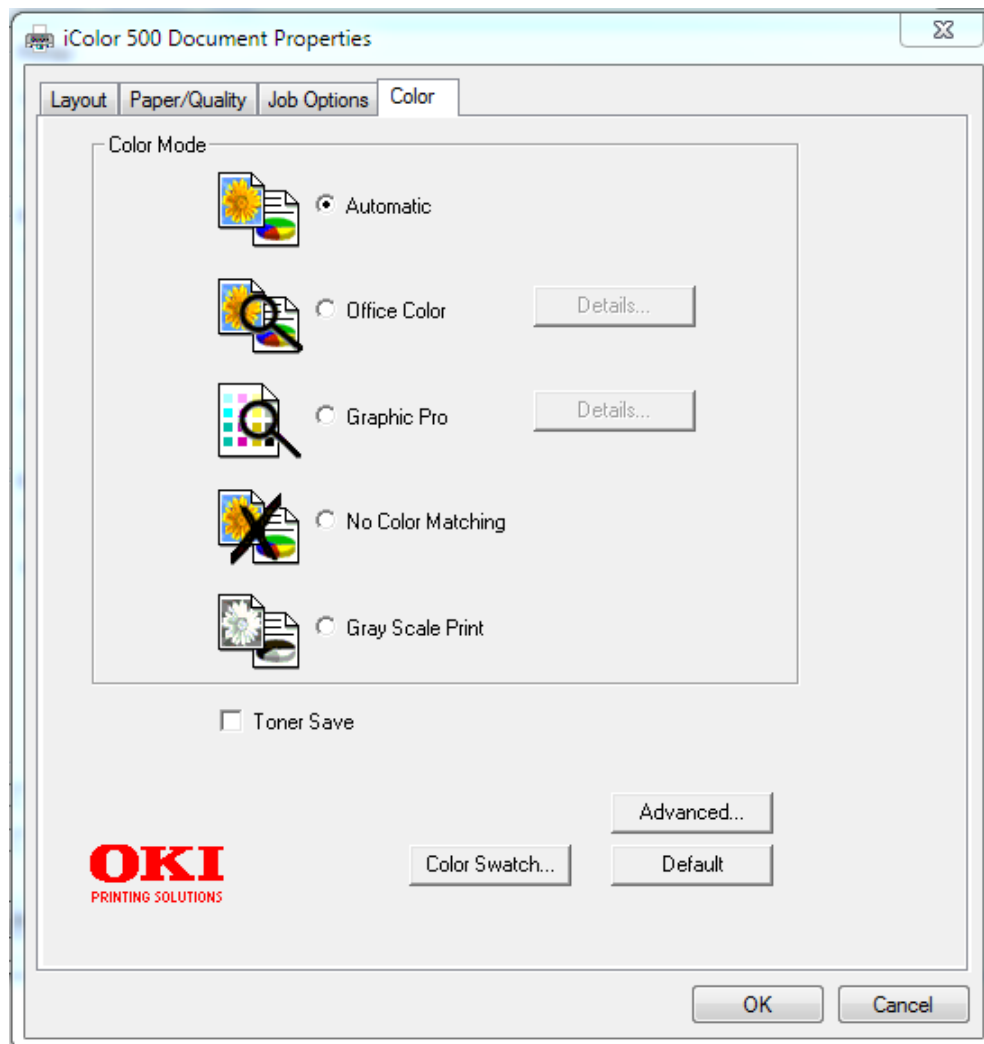
2. Click **Advanced** button. Paper type should be 'Medium Light' and the page size should be 'A4'. If you are printing a very densely covered page, it is suggested you choose "heavy" for the paper type to avoid a paper jam at the fuser. If you do get a paper jam, shut off the printer, remove the fuser and clear the jam, then print some test pages on regular paper to clear the excess toner out of the fuser. Then reprint with "heavy" paper settings.



3. The Job Options tab is normally left at defaults. We suggest the print quality be set to "Fine". Click the **Advanced** button and select the option for **Mirror Print**. This will ensure the image looks correct when transferred to a garment. Note: The PCL Driver does not include this option.

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- Click the Color tab and turn off the **Toner Save** mode. The **Color Swatch Utility** allows you to print a range of colors to find settings matching the one you want. The help button on it describes how to do this.



- Please do not alter any of the factory settings on the machine itself. Doing so can produce undesired results



Using white with the iColor® 300WB/FW Printers

In order to create the best results, the iColor® 300WB and 300FW use two toner stations. Please note that vector and line art images, including text, are likely to produce the best results. You must create images using the following color:

Hexadecimal: #CC0000
RGB: R: 204 G: 0 B: 0
CMYK: C: 0% M: 100% Y: 100% K: 0%
Pantone: 186C



This is a 'brick-red' type color. Text and graphics created in this color will give the best white results when printed. These printers will also print black.

Using white with colors to assure transfer of halftones

Images that contain halftones or gradients can cause problems with self-weeding transfer media. This is because the background is assumed to be white and nothing is printed there.

It is usually easiest to use an image editing program to create a copy of the image in the 'brick red' color above. Select the entire image and change the color, saving as a separate file.

Print the standard (300CB) or fluorescent (300FC) colors onto a transfer sheet first. Then load this sheet into the white printer using the same leading edge as before and print the brick red image over the previously printed color image. From there follow the usual process for the iColor® premium transfer media.



iColor® 300 Series Printer

Specifications

sku:	62443601	Paper Size:	legal, letter, envelopes, and banners (up 8.5" x 52") , & (8.5" x 14") for transfers
Print Speed Mono:	25	Size:	16.1" x 19.8" x 9.5" (410 mm x 504 mm x 242 mm"
Duplex:	Standard	Weight:	48.5
Duty Cycle:	45000	Power:	120v
Memory:	128	Print Speed Color:	23
Resolution:	1200 x 600		
Interfaces:	10/100-TX Ethernet, High-speed USB v2.0		
Paper Capacity:	350 sheets (250-sheet universal tray +100-sheet multi-purpose tray); Optional Input: 2nd/3rd universal tray (530 sheets each); High-Capacity Feeder (1,590 sheets); Maximum Capacity: 880 sheets, with optional 530-sheet 2nd paper tray		



iColor® 300 Printing Tips

When transferring images with halftones, it's possible that some of the adhesive will not transfer over to the toner during the first step. If you see this happen with your image, just reprint the image and then print a layer of white behind (On top) of the image to thicken up the density and give the adhesive something to stick to. Halftone colors use much less toner. Printing the white over the image will fill in the gaps. It will not change the color, but gives the adhesive something to stick to. To do this, print your image in color as normal, Then using a graphics program, create an outline of the image slightly smaller than the actual size, and fill that outline in with Red 204.

There are many variables that could produce different results. Specific steps may need to be altered based on:

- Type and brand of Heat Press: The temperature and duration varies slightly based on the heat press being used. All instructions are based on using a Hotronix Fusion press. Clam shell and swing away presses may also yield different results.
- Type of image: Photos or full color graphics may require a longer press time than vector images or text
- Type of garment: Cotton, Polyester, and Spandex material all respond differently to heat. All instructions are based on cotton garments
- Toner Coverage: Halftones in image may cause undesired results. Toner coverage should not be less than 50%, otherwise there will be issues with transferring the adhesive to the transfer sheet. Halftones can be corrected by printing white on top of color (either running the sheet through the printer a second pass, or using the iColor® Transfer RIP Software to apply a white layer in one pass). This will help with toner coverage and proper adherence to the garment.

Consult the iColor® knowledge base for specific instructions on a variety of transfer paper offered at: <http://www.iColorprint.com/support>